

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT</u> EUGENE F KRANZ TOLEDO EXPRESS		<u>AIRPORT ID</u> KTOL	<u>PROCEDURE NAME</u> ILS Z OR LOC Z RWY 7	<u>ORIGINAL/AMENDMENT</u> 29A	<u>CITY</u> TOLEDO	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 683	<u>TDZE</u> 683	<u>SUPERSEDED</u> ILS OR LOC RWY 7	<u>ORIGINAL/AMENDMENT</u> 29	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> I-TOL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
MCLUR		TOPHR LOM		TF	FO	2.00	023.66	14.71	2300

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.40 NM AFTER TOPHR LOM

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2500 DIRECT WUPTA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 252.16 OUTBOUND 2300 FT WITHIN 15 MILES OF TOPHR LOM (IAF)
2.
3. FAC: 072.16 FAF: TOPHR LOM DIST FAF TO MAP: 4.40 DIST FAF TO THLD: 4.40
4. MIN ALT: TOPHR LOM 2200
5. DIST TO THLD FROM OM: 4.40 MM: IM: 150 HAT: GS ANT: 1125
6. MIN GS INCPT: 2200 GS ALT AT FAF : OM: 2143 MM: IM:
7. GP ANGLE: 3.00 34:1 20:1 TCH: 59.2
8. MSA FROM: TO LOM 3100

EQUIPMENT REQUIREMENTS NOTES:

ADF OR RADAR REQUIRED FOR PROCEDURE ENTRY.
RNAV 1-GPS REQUIRED.
ADF REQUIRED FOR LOC ONLY.



NOTES:

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 7 CAT E VISIBILITY TO RVR 4000. S-LOC 7 CAT C/D/E VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART ASR
CHART (CFDTT) AT 413055.08N/0840238.87W
HOLD SE, RT, 320.00 INBOUND.
FAS OBST: 885 AAO 413331N/0835558W.
CHART CIRCLING ICON.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 07	883	1800	200	883	1800	200	883	1800	200	883	1800	200	883	1800	200
S-LOC 07	1140	2400	457	1140	2400	457	1140	4500	457	1140	4500	457	1140	4500	457
CIRCLING	1200	1	517	1200	1	517	1300	1 3/4	617	1360	2 1/4	677	1360	2 1/2	677

CHANGES - REASONS

1. CHANGED AIRPORT NAME FROM TOLEDO EXPRESS TO EUGENE F KRANZ TOLEDO EXPRESS - CHANGED TO UPDATED NAME
2. CHANGED PROCEDURE NAME FROM ILS OR LOC RWY 7 TO ILS Z OR LOC Z RWY 7 - CHANGED NAMING CONVENTION IAW 8260.3D PARA 1-6-4.
3. TERMINAL ROUTES (MCLUR TO TOPHR LOM) - ADDED TF/FO/2.00 TO LEG TYPE-FO/FB-RNP, RESPECTIVELY - UPDATED FOR PROPER CODING

COORDINATED WITH:**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZOB, TOL APP CON, AMGR, TOL APP CON**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

JOSEPH BLANCO

APPROVED BY

MARLON ROBINSON

OFFICE**OFFICE**

AJV-A423

OFFICE

AJV-A420

DATE**DATE**

04/15/2020

DATE

Digitally signed by

ALLAN WILL

Jun 25, 2020

Digitally signed by

ALLAN WILL

Jun 25, 2020

Digitally signed by

ALLAN WILL

Jun 25, 2020

TITLE
MANAGERQUALITY
24
CHECKED